

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

LISTING OF CLAIMS:

1-48. (cancelled)

49. (currently amended) ~~The method according to claim 43, wherein the GOS are present on a dry matter basis as follows:~~
A method for treating hyperglycemic syndrome and/or type II diabetes in a subject, comprising:

administering to a subject in need thereof an effective amount of prebiotic non-digestible oligosaccharides comprising glucooligosaccharides (GOS) whose degree of polymerization is between 2 and 10, the composition of said glucooligosaccharides (GOS) being as follows (dry matter content):

less than 1% fructose,

less than 4% glucose,

9-11% disaccharides wherein at least one disaccharide is selected from the group consisting of maltose, leucrose, and sacharose,

9-11 % trisaccharides selected from the group consisting of panose and maltotriose,

5 to 7% GOS with a degree of polymerization 4,

8 to 10% GOS* with a degree of polymerization 4,

18 to 22% GOS with a degree of polymerization 5,
36 to 44% GOS with a degree of polymerization greater
than 5, and

wherein each GOS comprises a glycosidic $\alpha(1\rightarrow2)$ bond at
its non-reducing end or carried by the next-to-last glucose, with
the exception of GOS* which does not contain any.

50. (previously presented) The method according to
claim 49, wherein prebiotics comprising GOS are administered at a
rate of 1.5g/kg/day or a rate of approximately 10 to 30 g/day.

Claims 51-52. (cancelled)

53. (currently amended) ~~The food composition,~~
~~nutritional additive, functional food or nutraceutical, according~~
~~to claim 51~~ A food composition, nutritional additive, functional
food or nutraceutical for the nourishment of subject having
hyperglycemic syndrome and/or type II diabetes in a subject,
comprising one or more prebiotics wherein said prebiotics are
chosen from the compositions of non-digestible oligosaccharides
comprising chain formations of identical or different
monosaccharides, whose degree of polymerization varies between 2
and 10, and whose monosaccharides are selected from the group
consisting of glucose, fructose, galactose, xylose, mannose,
rhamnose and fucose, and

wherein a food composition substantially comprising a mixture of isomaltotriose, isomaltotetraose and isomaltopentose is excluded, and

wherein fructooligosaccharides are excluded

whose prebiotics are chosen from the glucooligosaccharides (GOS), the composition of said glucooligosaccharides (GOS) being as follows (dry matter content):

- fructose: less than 1%,
- glucose: less than 4%,
- disaccharides where at least one of said disaccharides is selected from the group consisting of maltose, leucrose, and sacharose : from 9 to 11%,
- trisaccharides where at least one of said trisaccharides consisting of panose, or maltotriose: from 9 to 11%,
- GOS with a degree of polymerization 4: from 5 to 7%,
- GOS* with a degree of polymerization 4: from 8 to 10%,
- GOS with a degree of polymerization 5: from 18 to 22%,
- GOS with a degree of polymerization greater than 5: from 36 to 44%, and

wherein each GOS comprises a glycosidic $\alpha(1\rightarrow2)$ bond at its non-reducing end or is carried by the next-to-last glucose, except GOS* does not contain any.

Claims 54-55. (cancelled)

56. (currently amended) ~~The pharmaceutical composition according to claim 54~~ A pharmaceutical composition comprising a pharmaceutically acceptable vehicle, one or more prebiotics chosen from the compositions of non-digestible oligosaccharides comprising chain formations of identical or different monosaccharides, whose degree of polymerization varies between 2 and 10, and whose monosaccharides are chosen from glucose, fructose, galactose, xylose, mannose, rhamnose and fucose, and wherein fructooligosaccharides are excluded, wherein the prebiotics are chosen from the glucooligosaccharides (GOS) and the composition of said glucooligosaccharides (GOS) are as follows (dry matter content):

- fructose: less than 1%,
- glucose: less than 4%,
- disaccharides wherein at least one of said disaccharides is selected from the group consisting of maltose, leucrose, and sacharose : from 9 to 11%,
- trisaccharides wherein at least one of said trisaccharides is panose, or maltotriose: from 9 to 11%,
- GOS with a degree of polymerization 4: from 5 to 7%,
- GOS* with a degree of polymerization 4: from 8 to 10%,
- GOS with a degree of polymerization 5: from 18 to 22%,
- GOS with a degree of polymerization greater than 5: from 36 to 44%, and

wherein each GOS comprises a glycosidic $\alpha(1\rightarrow2)$ bond at its non-reducing end or carried by the next-to-last glucose, except GOS* does not contain any.

Claims 57-62. (cancelled)

63. (previously presented) A composition, comprising: prebiotic glucooligosaccharides (GOS) on a dry matter basis as follows:

less than 1% fructose,

less than 4% glucose,

9-11% disaccharides wherein at least one disaccharide is selected from the group consisting of maltose, leucrose, and sacharose,

9-11 % trisaccharides selected from the group consisting of panose and maltotriose,

5 to 7% GOS with a degree of polymerization 4,

8 to 10% GOS* with a degree of polymerization 4,

18 to 22% GOS with a degree of polymerization 5,

36 to 44% GOS with a degree of polymerization greater than 5, and

wherein each GOS comprises a glycosidic $\alpha(1\rightarrow2)$ bond at the non-reducing end or at the next-to-last glucose, with the exception of GOS* which does not contain a glycosidic $\alpha(1\rightarrow2)$ bond.